

To: Walter Baker[wbaker@utah.gov]
From: Bahrman, Sarah
Sent: Tue 8/11/2015 2:09:12 PM
Subject: Re: Additional Gold King Mine statement/update 8/10

Hey Walt-
Call me when you're off your call.
Thanks

On Aug 11, 2015, at 7:39 AM, Walter Baker <wbaker@utah.gov> wrote:

Folks,

The Utah players will be holding a conference call at 8:00 a.m. (MT) to discuss the parameters we will use as metrics for determining "all clear" relative to human health, recreation, aquatic system protection, and livestock watering.

We anticipate our initial metals results coming in today -- but it may be late. Our website is up at www.deq.utah.gov and can be accessed by clicking on the Goldstrike rotating banner.

Walt

Sent from my iPad

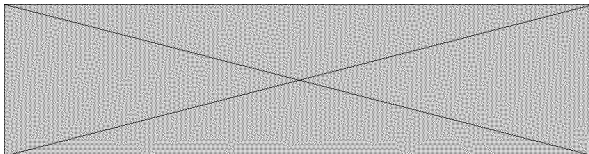
On Aug 11, 2015, at 8:18 AM, Pfaltzgraff - CDPHE, Patrick
<patrick.j.pfaltzgraff@state.co.us> wrote:

Walt,

I have some preliminary data that I'm trying to get you...you can see what I'm getting from EPA.

Pat

Patrick J. Pfaltzgraff
Division Director



P [303.692.3509](tel:303.692.3509) | F [303.782.0390](tel:303.782.0390)
4300 Cherry Creek Drive South, Denver, CO 80246
patrick.j.pfaltzgraff@state.co.us | www.colorado.gov/cdphe/wqcd

24-hr Environmental Release/Incident Report Line: 1.877.518.5608

----- Forwarded message -----

From: **Card, Joan** <Card.Joan@epa.gov>

Date: Tue, Aug 11, 2015 at 7:14 AM

Subject: Re: Additional Gold King Mine statement/update 8/10

To: Patrick Pfaltzgraff - CDPHE <patrick.j.pfaltzgraff@state.co.us>

Cc: "Bahrman, Sarah" <Bahrman.Sarah@epa.gov>

I'll find out.

Joan Card
Senior Policy Advisor
Region 8

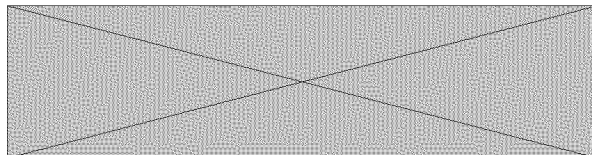
Sent from my EPA iPhone

On Aug 11, 2015, at 7:12 AM, Patrick Pfaltzgraff - CDPHE
<patrick.j.pfaltzgraff@state.co.us> wrote:

Can we get your data?

Sent from mobile device. Apologies for brevity and spelling.

Patrick J. Pfaltzgraff
Division Director



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On Aug 11, 2015, at 6:21 AM, Card, Joan <Card.Joan@epa.gov> wrote:

Pat, we have more data coming in today so not ready to advise opening yet.
Please don't use in that way until we can get you the answers to the specific
questions you've asked.

Joan Card
Senior Policy Advisor
Region 8

Sent from my EPA iPhone

On Aug 11, 2015, at 6:13 AM, Patrick Pfaltzgraff - CDPHE
<patrick.j.pfaltzgraff@state.co.us> wrote:

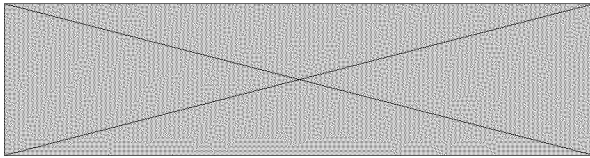
Joan/Sarah,

Am I reading this right that you believe the human health impact to recreational contact is low? Do you all believe that the SJBHD can recommend reopening the Animas to recreational use? We also have data that may indicate the same.

Pat

Sent from mobile device. Apologies for brevity and spelling.

Patrick J. Pfaltzgraff
Division Director



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Begin forwarded message:

From: "Cristiano, Gina" <Cristiano.Gina@epa.gov>
Date: August 11, 2015 at 3:15:13 AM MDT
To: Megan Crandall <mcrandal@blm.gov>, Donald Hoffheins <dhoffhei@blm.gov>, "Larry Wolk" <larry.wolk@state.co.us>, "Urdiales, Aaron" <Urdiales.Aaron@epa.gov>, "Ackerman, Joyce" <Ackerman.Joyce@epa.gov>, "Allen, HarryL" <Allen.HarryL@epa.gov>, "Allison Majure" <Allison.Majure@state.nm.us>, "Bahrman, Sarah" <Bahrman.Sarah@epa.gov>, "Bohan, Suzanne" <bohan.suzanne@epa.gov>, "bsmartinez@fs.fed.us" <bsmartinez@fs.fed.us>, "Buhl, Rick" <Buhl.Rick@epa.gov>, "Butch

Knowlton-LaPlata Co EM" <knowltonbk@co.laplata.co.us>, "Card, Joan" <Card.Joan@epa.gov>, "Chavez, Luke" <Chavez.Luke@epa.gov>, "Copeland, Michael" <Copeland.Michael@epa.gov>, "Crossland, Ronnie" <Crossland.Ronnie@epa.gov>, "dariotti@utah.gov" <dariotti@utah.gov>, "david.kreutzer@state.co.us" <david.kreutzer@state.co.us>, "david.kurz@state.co.us" <david.kurz@state.co.us>, "Dhieux, Joyel" <Dhieux.Joyel@epa.gov>, "dietrich@utah.gov" <dietrich@utah.gov>, "director@sjcph.org" <director@sjcph.org>, "doug.jamison@state.co.us" <doug.jamison@state.co.us>, "dspangler@utah.gov" <dspangler@utah.gov>, "dwong@utah.gov" <dwong@utah.gov>, "egaddis@utah.gov" <egaddis@utah.gov>, "Eoc, Epahq" <Eoc.Epahq@epa.gov>, "Faulk, Libby" <Faulk.Libby@epa.gov>, "Foster, Althea" <Foster.Althea@epa.gov>, "Garcia, David" <Garcia.David@epa.gov>, "gary.baughman@state.co.us" <gary.baughman@state.co.us>, "Gleason, Michael" <Gleason.Michael@epa.gov>, "greg.nauble@state.co.us" <greg.nauble@state.co.us>, "Griswold, Hays" <Griswold.Hays@epa.gov>, "Hayes, Mark" <hayes.mark@epa.gov>, "Hestmark, Martin" <Hestmark.Martin@epa.gov>, "jason.king@state.co.us" <jason.king@state.co.us>, Joshua Allan - BIA <joshua.allan@bia.gov>, "Kahn, Lisa" <Kahn.Lisa@epa.gov>, "karin.mcgowan@state.co.us" <karin.mcgowan@state.co.us>, "KBousfield@utah.gov" <KBousfield@utah.gov>, "Kortuem, Patrice" <Kortuem.Patrice@epa.gov>, "kshelley@utah.gov" <kshelley@utah.gov>, "Land, Kelcey" <Land.Kelcey@epa.gov>, "Laura.Rendon@state.nm.us" <Laura.Rendon@state.nm.us>, "Liane Jollon - San Juan Basin HD" <ljollon@sjbhd.org>, "llamb@utah.gov" <llamb@utah.gov>, "Lloyd, Lisa" <Lloyd.Lisa@epa.gov>, "Logan, Paul" <Logan.Paul@epa.gov>, "Madigan, Andrea" <Madigan.Andrea@epa.gov>, "martha.rudolph@state.co.us" <martha.rudolph@state.co.us>, "McComb, Martin" <McComb.Martin@epa.gov>, "McGrath, Shaun" <McGrath.Shaun@epa.gov>, "meghan.trubee@state.co.us" <meghan.trubee@state.co.us>, "mjblanchard@fs.fed.us" <mjblanchard@fs.fed.us>, "Mohr, Mindy" <Mohr.Mindy@epa.gov>, "monica.sheets@state.co.us" <monica.sheets@state.co.us>, "Myers, Craig" <Myers.Craig@epa.gov>, "Mylott, Richard" <Mylott.Richard@epa.gov>, "Nattis, Randy" <Nattis.Randy@epa.gov>, "O'Connor, Darcy" <oconnor.darcy@epa.gov>, "Ostrander, David" <Ostrander.David@epa.gov>, "patrick.j.pfaltzgraff@state.co.us" <patrick.j.pfaltzgraff@state.co.us>, "Patrick.Longmire@state.nm.us" <Patrick.Longmire@state.nm.us>, R8 Documentation Unit Leader <R08_Documentation_Unit_Leader@epa.gov>, "Restivo, Angela" <Restivo.Angela@epa.gov>, "Russo, Rebecca" <Russo.Rebecca@epa.gov>, "Saldenha, Jasmine" <Saldenha.Jasmine@epa.gov>, "Sandoval, Joni" <Sandoval.Joni@epa.gov>, Sid Caesar - BIA <sid.caesar@bia.gov>, "Sierra, Eddie" <Sierra.Eddie@epa.gov>, "Sisk, Richard" <Sisk.Richard@epa.gov>,

"Smith, Paula" <Smith.Paula@epa.gov>, "Stavnes, Sandra" <Stavnes.Sandra@epa.gov>, "Stevenson, Peter" <Stevenson.Peter@epa.gov>, "Thomas, Deb" <thomas.debrah@epa.gov>, "tojohns@southernute-nsn.gov" <tojohns@southernute-nsn.gov>, "tyson.ingles@state.co.us" <tyson.ingles@state.co.us>, "Videtich, Callie" <Videtich.Callie@epa.gov>, "Ward, W. Robert" <Ward.Robert@epa.gov>, "warren.smith@state.co.us" <warren.smith@state.co.us>, "Way, Steven" <way.steven@epa.gov>, "wbaker@utah.gov" <wbaker@utah.gov>, "Webster, Susan" <webster.susan@epa.gov>, "Werner, Phillip" <Werner.Phillip@epa.gov>, "wr.roc@noaa.gov" <wr.roc@noaa.gov>, "Hardegen, Steven" <Steven.Hardegen@fema.dhs.gov>, "Myers, Richard" <Richard.Myers2@fema.dhs.gov>, "Jackson jr, Jesse" <Jesse.JacksonJr@fema.dhs.gov>, Megan Crandall <mcrandal@blm.gov>, "Donald Hoffheins" <dhoffhei@blm.gov>, "larry.wolk@state.co.us" <larry.wolk@state.co.us>, "Urdiales, Aaron" <Urdiales.Aaron@epa.gov>
Cc: "Freed, Chris" <Freed.Chris@epa.gov>
Subject: Additional Gold King Mine statement/update 8/10

All,

The following information is also being released:

EPA has compared the surface water quality data collected on August 5 and 6 to screening levels for human health developed by EPA. The screening levels for human incidental ingestion during recreation are based on an exposure duration totaling 60 days, 8 hours/day. The State of Colorado has developed screening levels for agricultural exposure. The screening levels for agricultural exposure are based on an exposure duration totaling 30 days.

Based on the data we have seen so far, EPA and ATSDR do not anticipate adverse health effects from exposure to the metals detected in the river water samples from skin contact or incidental (unintentional) ingestion. Similarly, the risk of adverse effects to livestock that may have been exposed to metals detected in river water samples from ingestion or skin contact is low. It is advisable to avoid areas with orange discoloration in the river water.

Although the pH levels between Cement Creek and Durango have returned to baseline levels washing with soap and water after contact with the river water is a sound public health practice to minimize exposure to the metals

and bacteria that may be present in any untreated river water.

From: Cristiano, Gina

Sent: Monday, August 10, 2015 7:43 PM

To: Megan Crandall; Donald Hoffheins; 'larry.wolk@state.co.us'; Urdiales, Aaron; Ackerman, Joyce; Allen, HarryL; 'Allison.Majure@state.nm.us'; Bahrman, Sarah; Bohan, Suzanne; 'bsmartinez@fs.fed.us'; Buhl, Rick; Butch Knowlton-LaPlata Co EM; Card, Joan; Chavez, Luke; Copeland, Michael; Cristiano, Gina; Crossland, Ronnie; 'dariotti@utah.gov'; 'david.kreutzer@state.co.us'; 'david.kurz@state.co.us'; Dhieux, Joyel; 'dietrich@utah.gov'; 'director@sjcph.org'; 'doug.jamison@state.co.us'; 'dspangler@utah.gov'; 'dwong@utah.gov'; 'egaddis@utah.gov'; Eoc, Epahq; Faulk, Libby; Foster, Althea; Garcia, David; 'gary.baughman@state.co.us'; Gleason, Michael; 'greg.naugle@state.co.us'; Griswold, Hays; Hayes, Mark; Hestmark, Martin; 'jason.king@state.co.us'; Joshua Allan - BIA; Kahn, Lisa; 'karin.mcgowan@state.co.us'; 'KBousfield@utah.gov'; Kortuem, Patrice; 'kshelley@utah.gov'; Land, Kelcey; 'Laura.Rendon@state.nm.us'; Liane Jollon - San Juan Basin HD; 'llamb@utah.gov'; Lloyd, Lisa; Logan, Paul; Madigan, Andrea; 'martha.rudolph@state.co.us'; McComb, Martin; McGrath, Shaun; 'meghan.trubee@state.co.us'; 'mjblanchard@fs.fed.us'; Mohr, Mindy; 'monica.sheets@state.co.us'; Myers, Craig; Mylott, Richard; Nattis, Randy; O'Connor, Darcy; Ostrander, David; 'patrick.j.pfaltzgraff@state.co.us'; 'Patrick.Longmire@state.nm.us'; R8 Documentation Unit Leader; Restivo, Angela; Russo, Rebecca; Saldenha, Jasmine; Sandoval, Joni; Sid Caesar - BIA; Sierra, Eddie; Sisk, Richard; Smith, Paula; Stavnes, Sandra; Stevenson, Peter; Thomas, Deb; 'tojohns@southernute-nsn.gov'; 'tyson.ingles@state.co.us'; Videtich, Callie; Ward, W. Robert; 'warren.smith@state.co.us'; Way, Steven; 'wbaker@utah.gov'; Webster, Susan; Werner, Phillip

Cc: Freed, Chris

Subject: Gold King Mine statement/update 8/10

The Gold King Mine Release statement/update for 8/10 is attached.

Thank you, Gina

Gina Cristiano

Emergency Response & Planning Coordinator

EPA Region 8

303-312-6688